

FULL LENGTH APO-A1 SEQUENCE

1  
MKA AVLTLAVLFLTGSQARHFWQQDEPPQSPWDRVKDLATVYVD  
VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQ LGPVTQEFWDNLEKE  
TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE  
LQEKLSPLGEEMRDRARAHVDALRTHLAPYSDEL<sup>194</sup>RQLAARLEALKENG GARLA EYHA  
KATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ<sup>267</sup>

sig\_peptide 20..91  
mature\_protein 92..820

20 a tgaaagctgc ggtgctgacc ttggccgtgc tcttctgac  
61 ggggagccag gctcggcatt tctggcagca agatgaaccc cccagagcc cctgggatcg  
121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt  
181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg  
241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcgccctg tgacctcagga  
301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct  
361 ggaggagggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga  
421 ggagatggag ctctaccgcc agaaggtgga gccgctgcgc gcagagctcc aagagggcgc  
481 gcgccagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga  
541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gcccctaca gcgacgagct  
601 gcgccagcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcg ccagactggc  
661 cgagtaccac gccaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagcccgc  
721 gctcgaggac ctccgccaag gcctgctgcc cgtgctggag agcttcaagg tcagcttctt  
781 gagcgtcttc gaggagtaca ctaagaagct caacacccag

**FIG. 1A**

18K N-TERMINAL FRAGMENT

25  
DEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE

LQEKLSPLGEEMRDRARAHVDALRTHLAPYSDEL<sup>194</sup>

92 gatgaaccc cccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt

181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgacccagga

301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaaggtgga gccgctgcgc gcagagctcc aagagggcgc

481 gcgccagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga

541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gccccctaca gcgacgagct

601 g

**FIG. 1B**

13K N-TERMINAL FRAGMENT

25

DEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVE<sup>144</sup>

92 gatgaaccc cccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt

181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctgggcctg tgacccagga

301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaaggtgga g

**FIG. 1C**

13K N-TERMINAL FRAGMENT

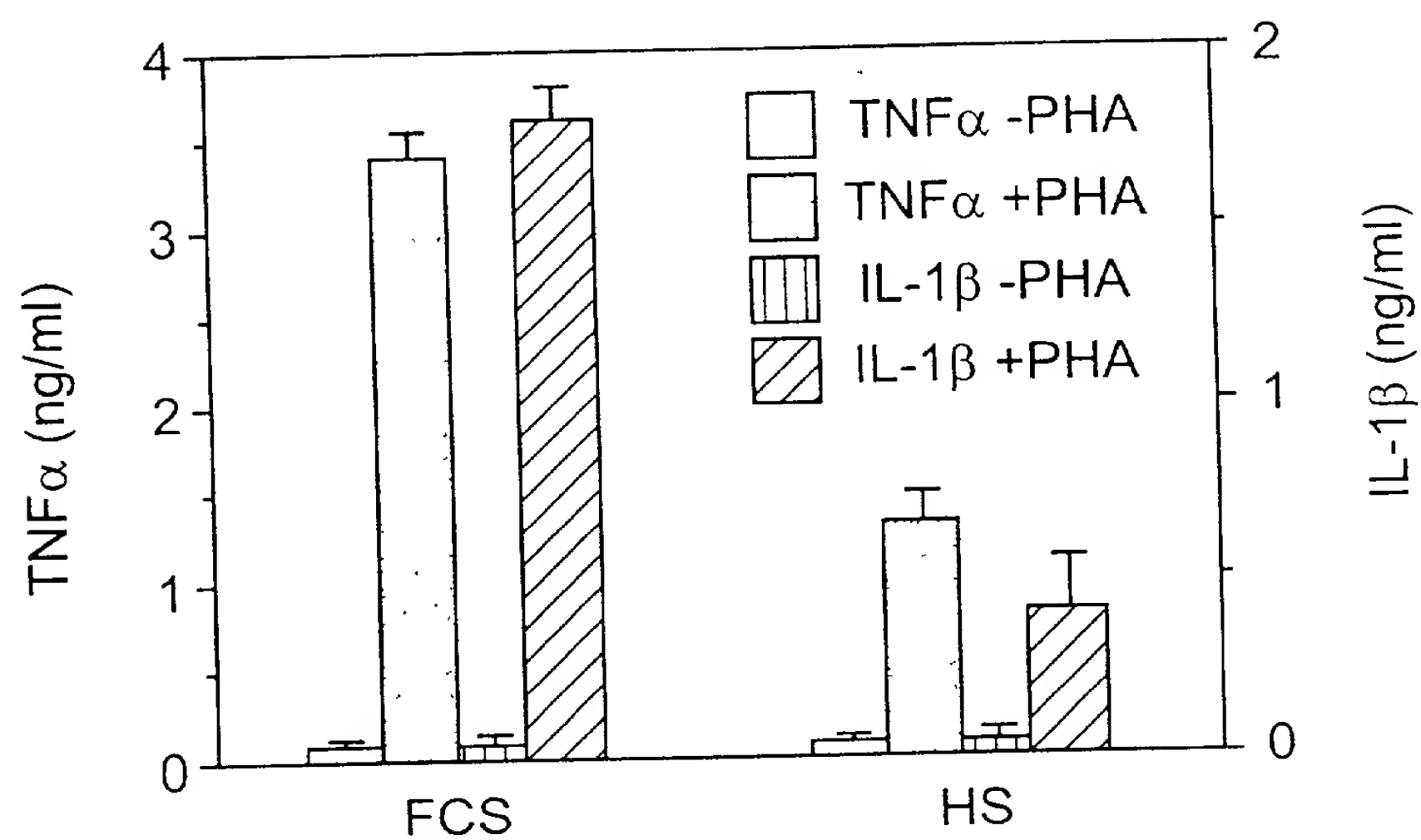
156  
QKLHE

LQEKLSPLGEEMRD RARAHVDALRTHLAPYSDEL<sup>194</sup>RQRLAARLEALKENG GARLA EYHA  
KATEHLSTLSEKAKPALEDLRQG<sup>267</sup>LLPVLESFKVSFLSALEEYTKKLNTQ

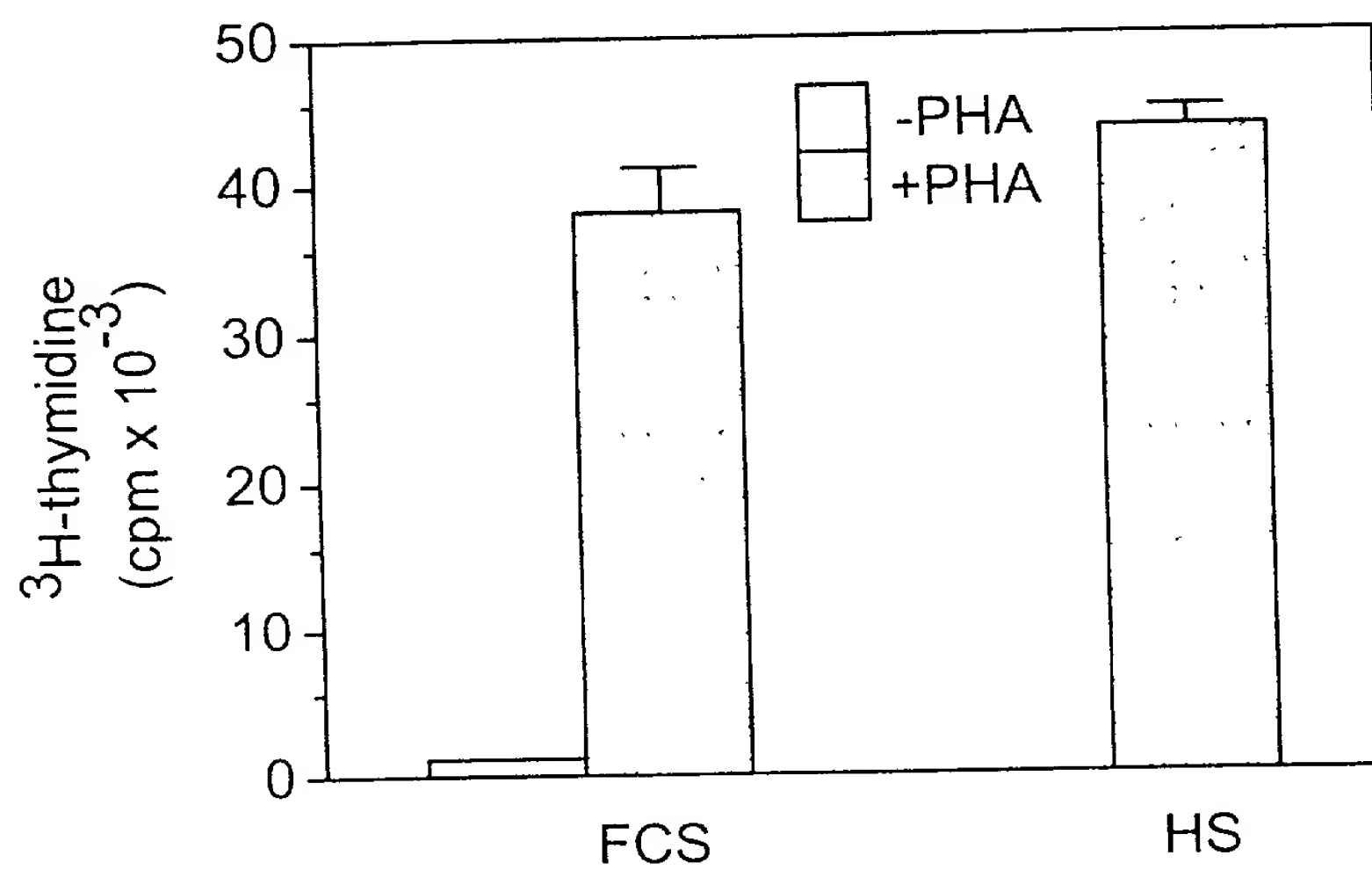
093039-031701  
10/2/99 3:15:03 PM

485 cagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga  
541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gcccctaca gcgacgagct  
601 gcgccagcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcg ccagactggc  
661 cgagtaccac gccaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagccgcg  
721 gctcgaggac ctccgccaag gcctgctgcc cgtgctggag agcttcaagg tcagcttcct  
781 gagcgctctc gaggagtaca ctaagaagct caacacccag

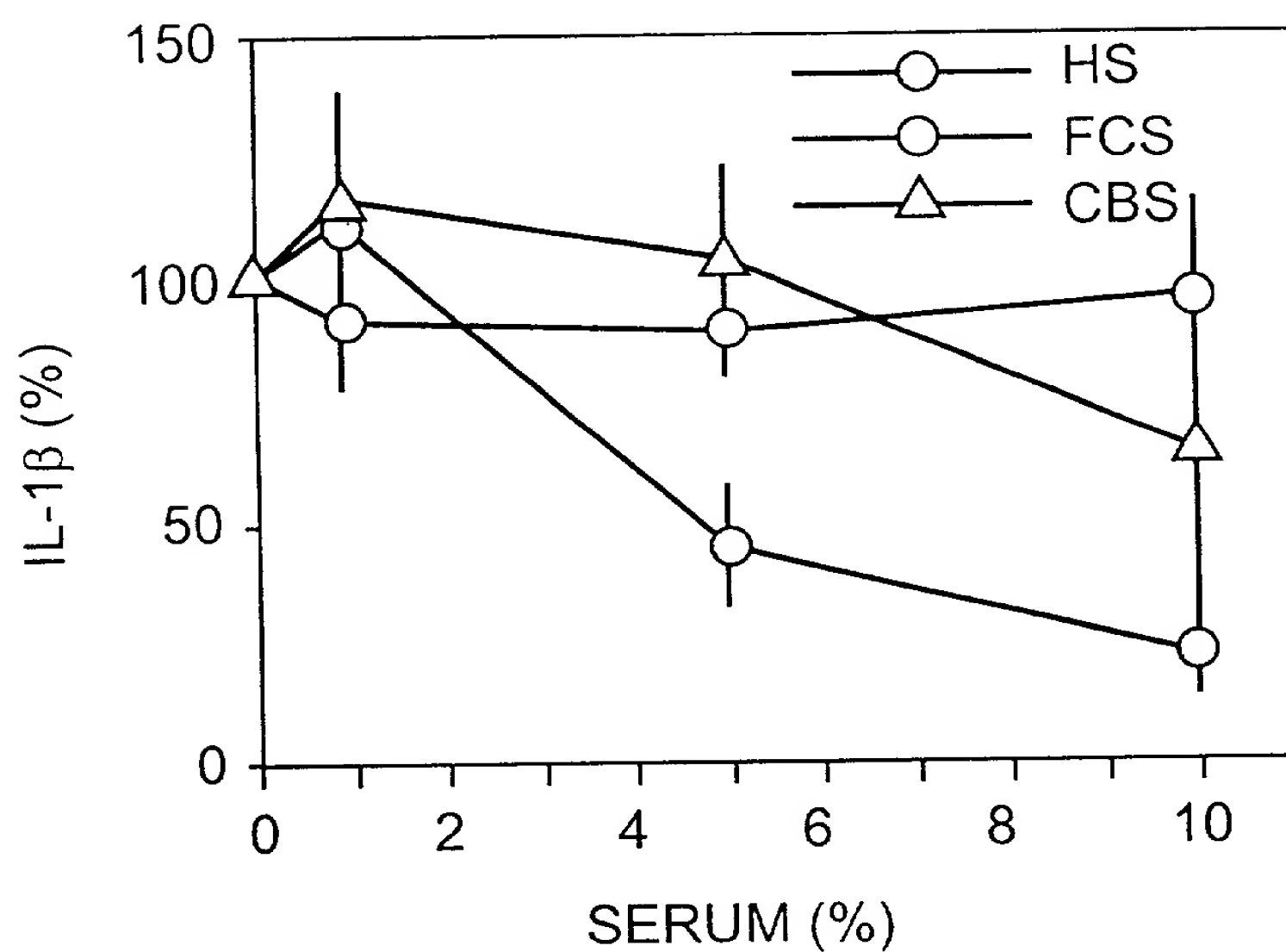
**FIG. 1D**



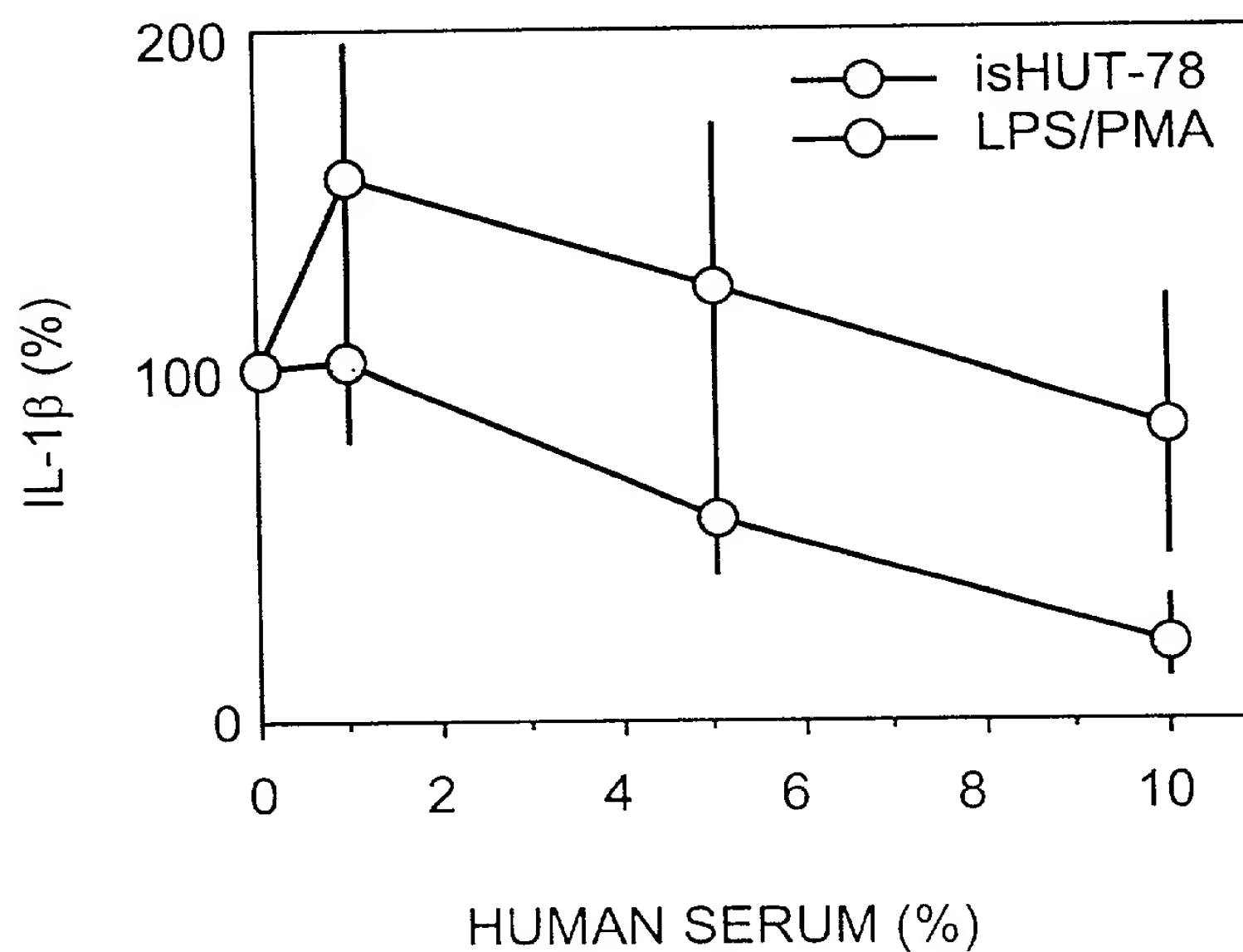
**FIG. 2A**



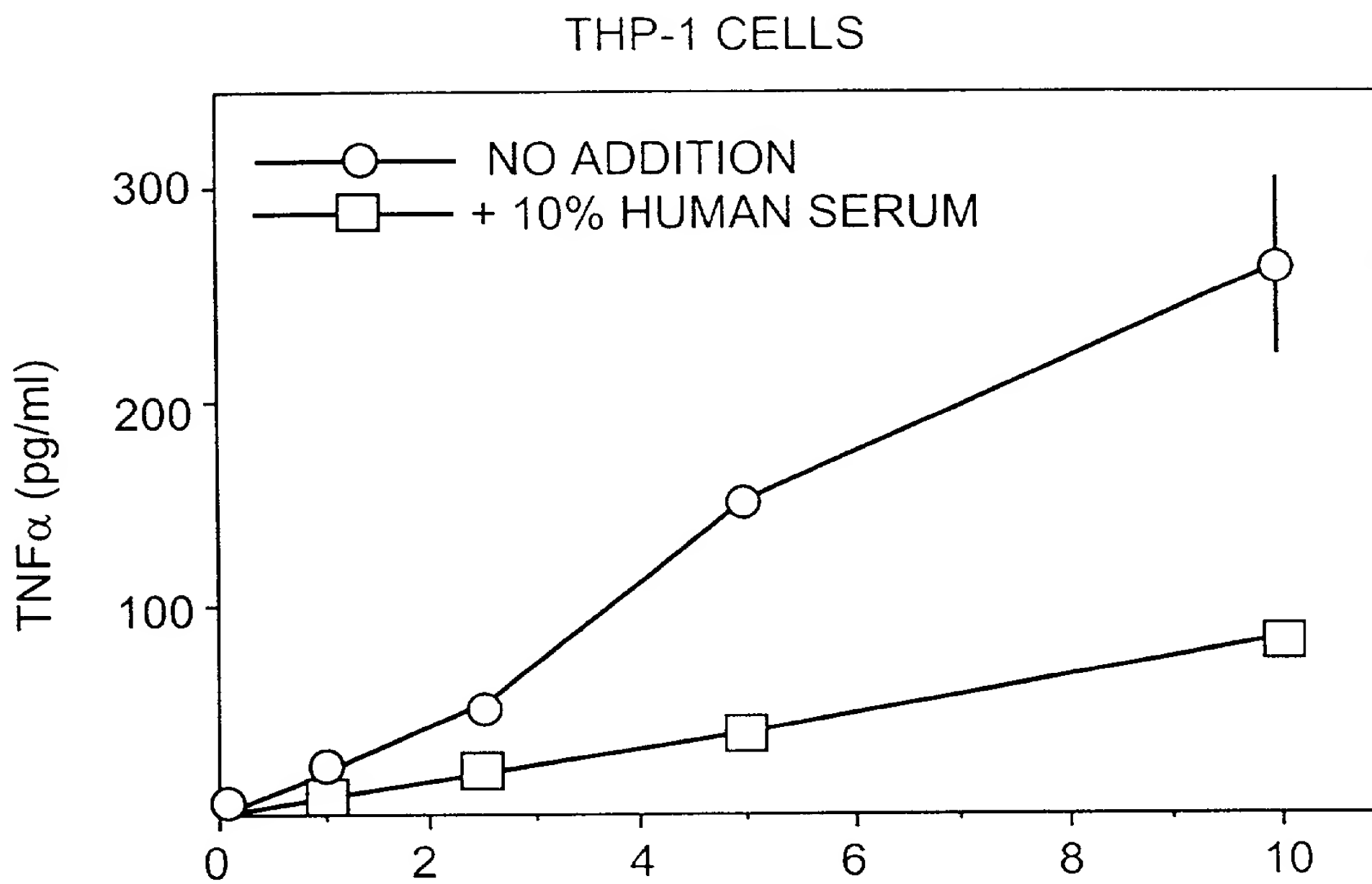
**FIG. 2B**



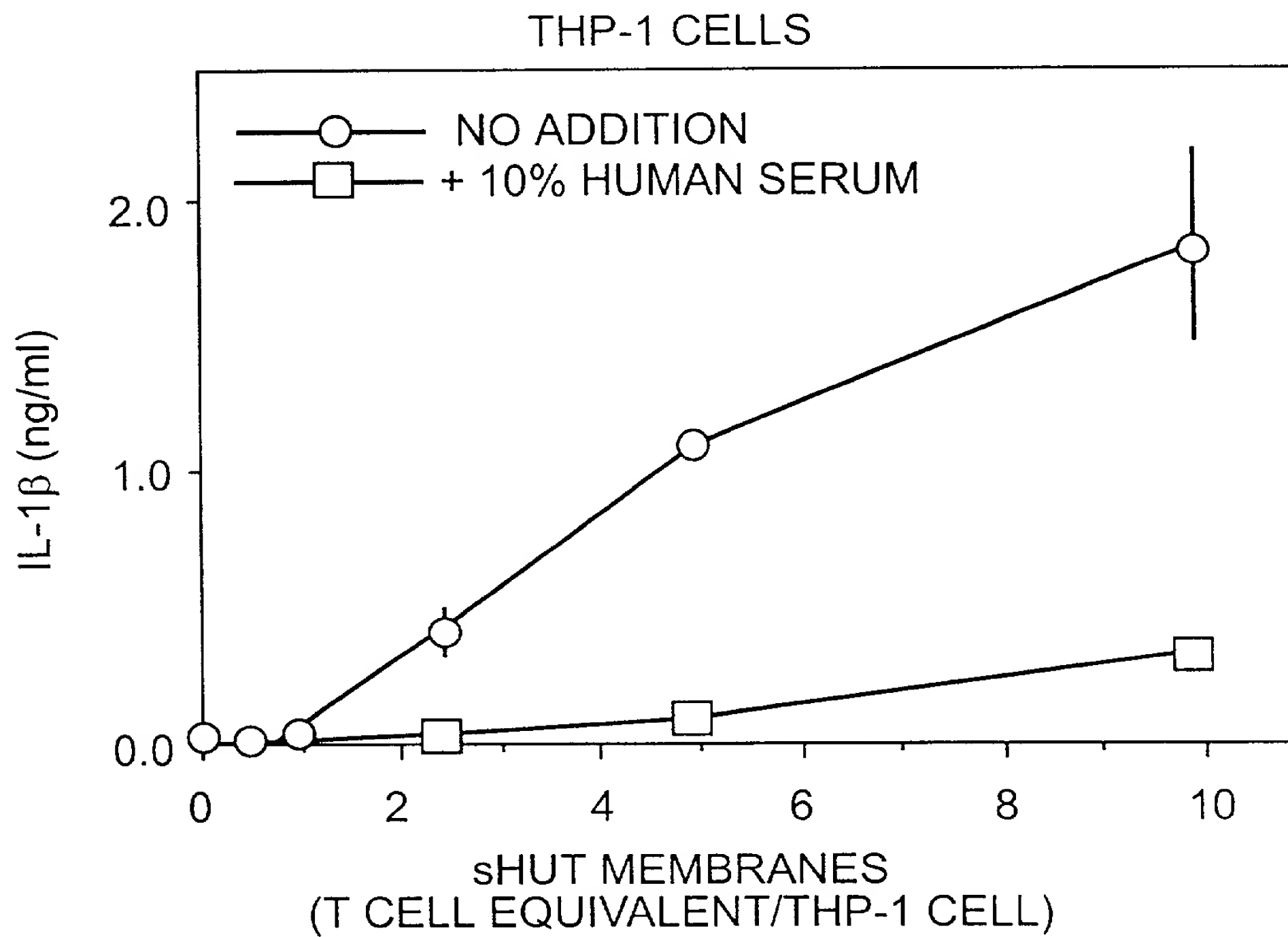
**FIG. 3A**



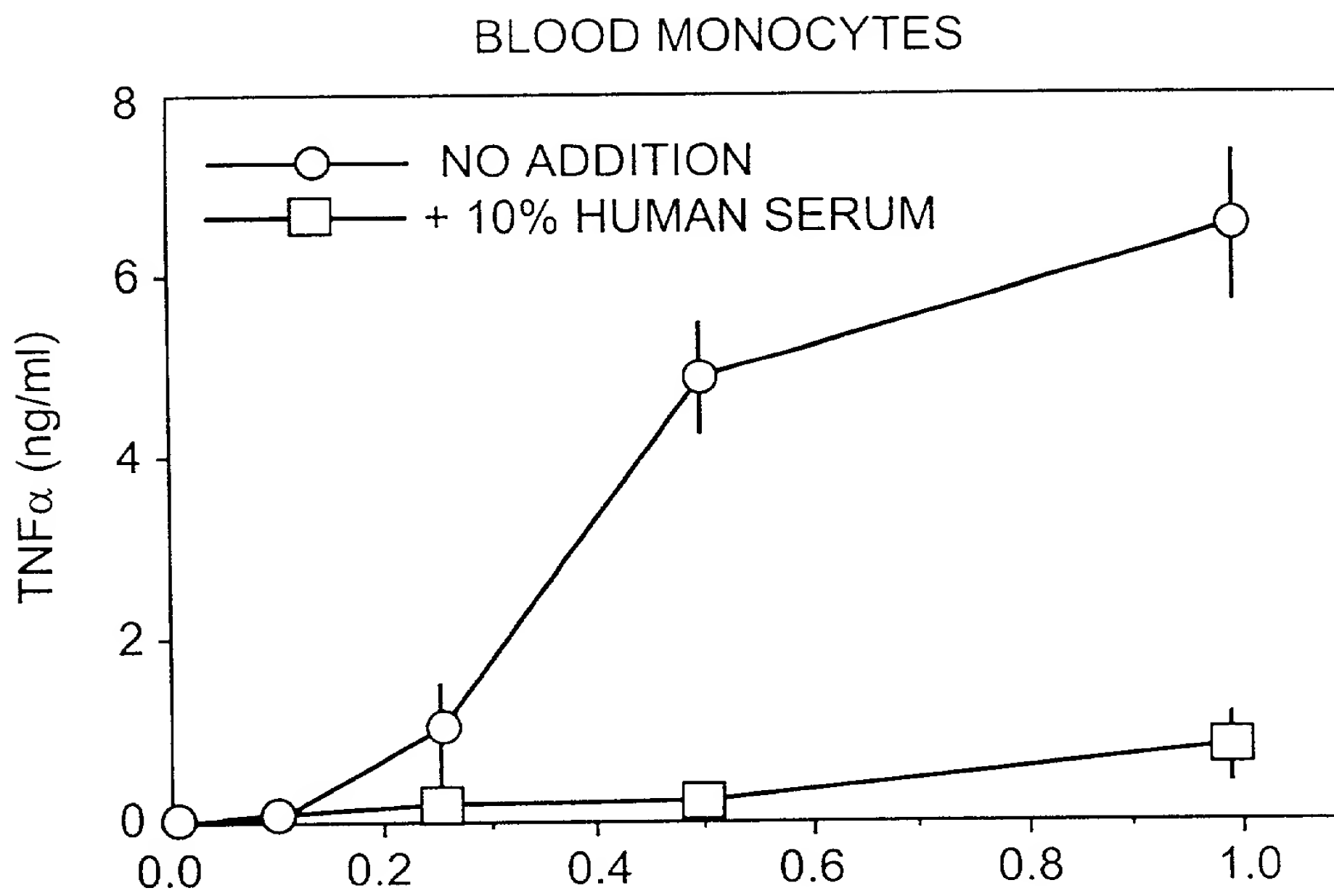
**FIG. 3B**



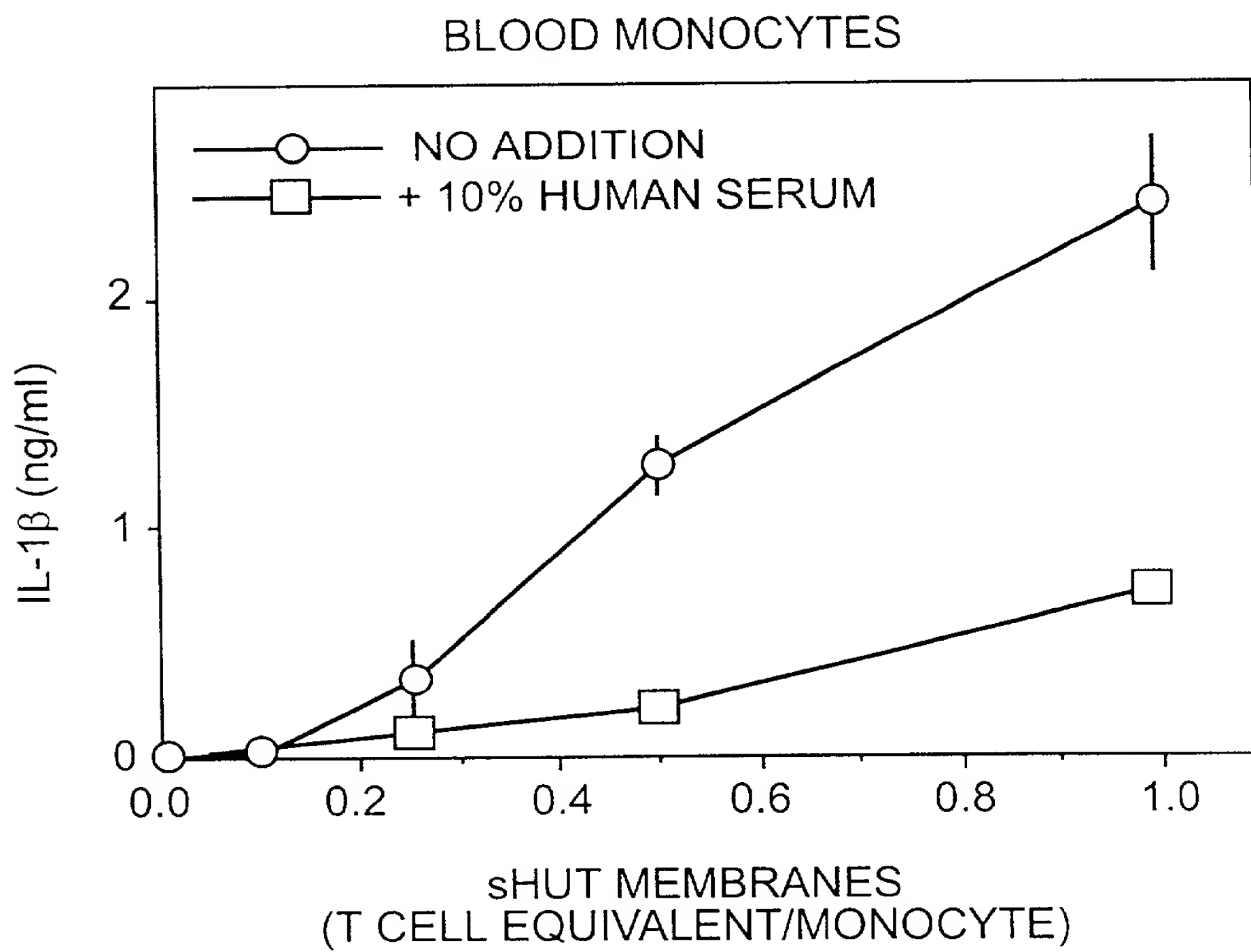
**FIG. 3C**



**FIG. 3D**

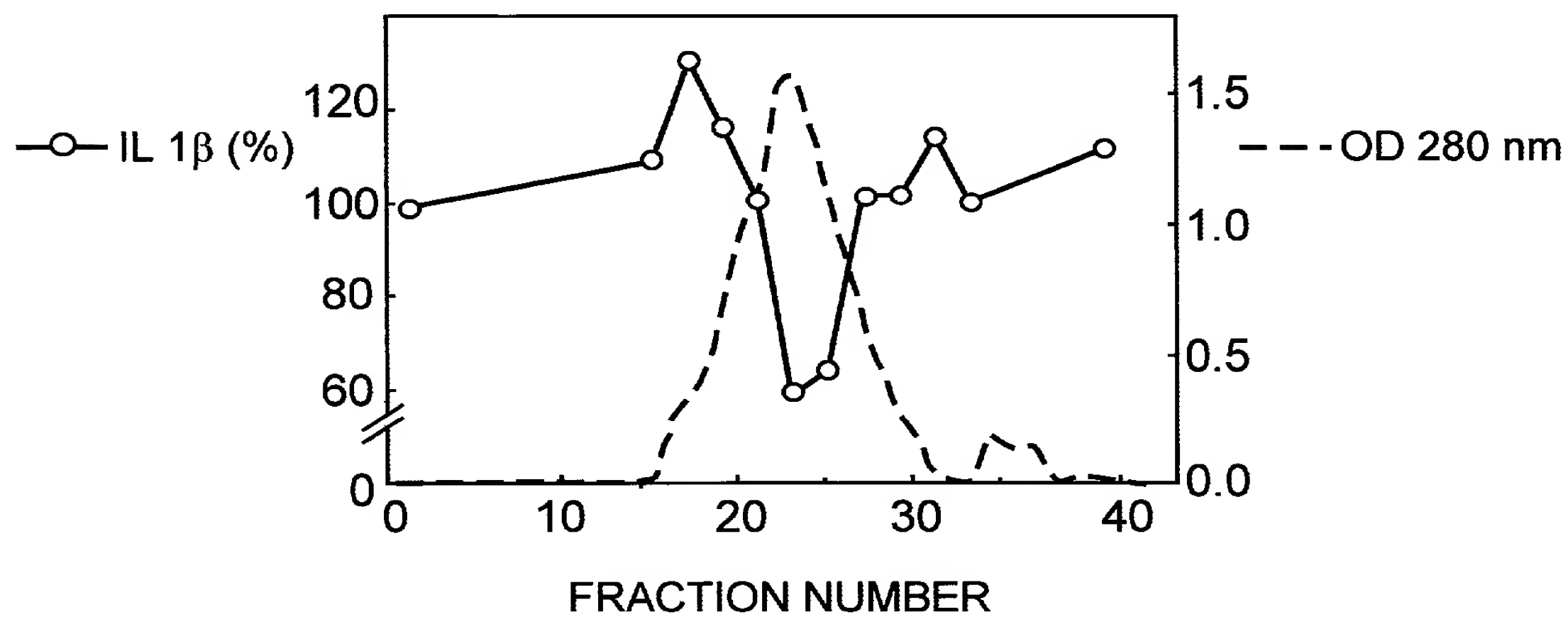


**FIG. 3E**

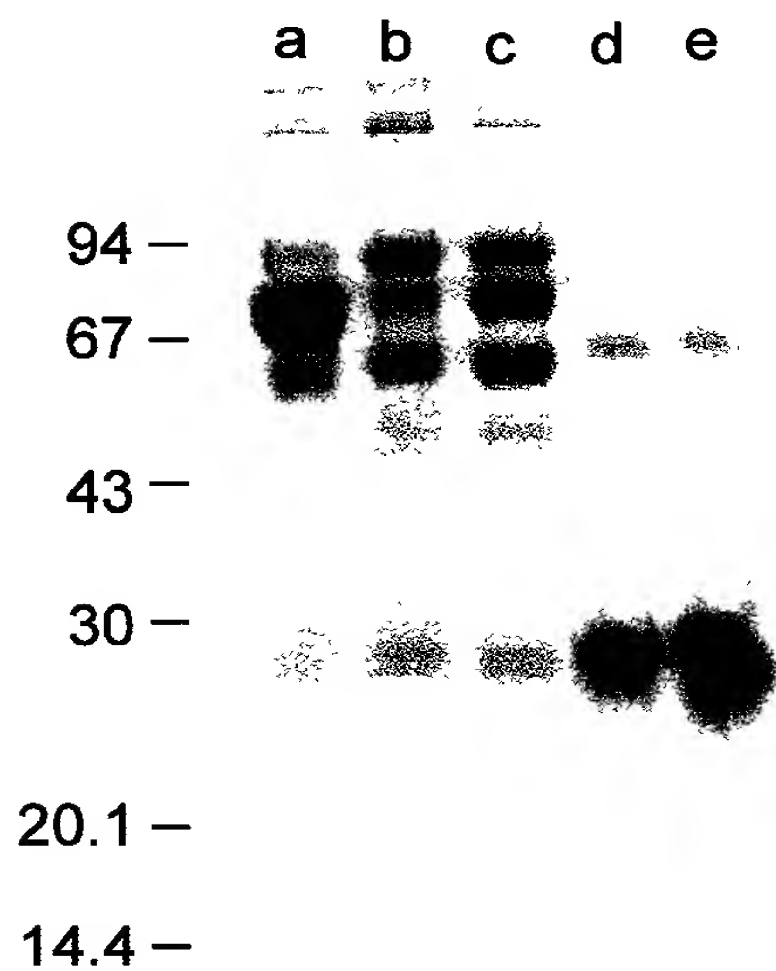


**FIG. 3F**





**FIG. 4A**

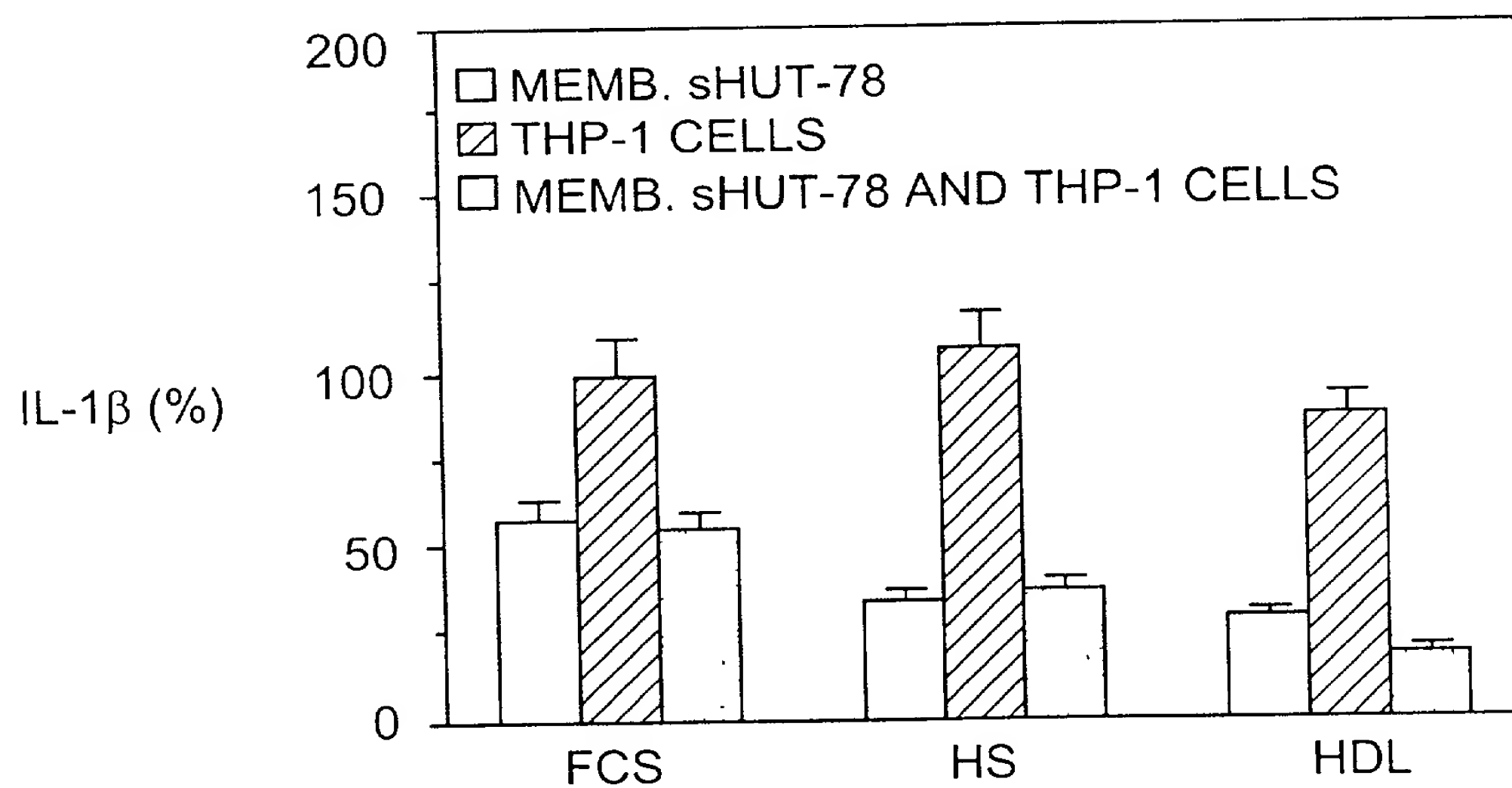
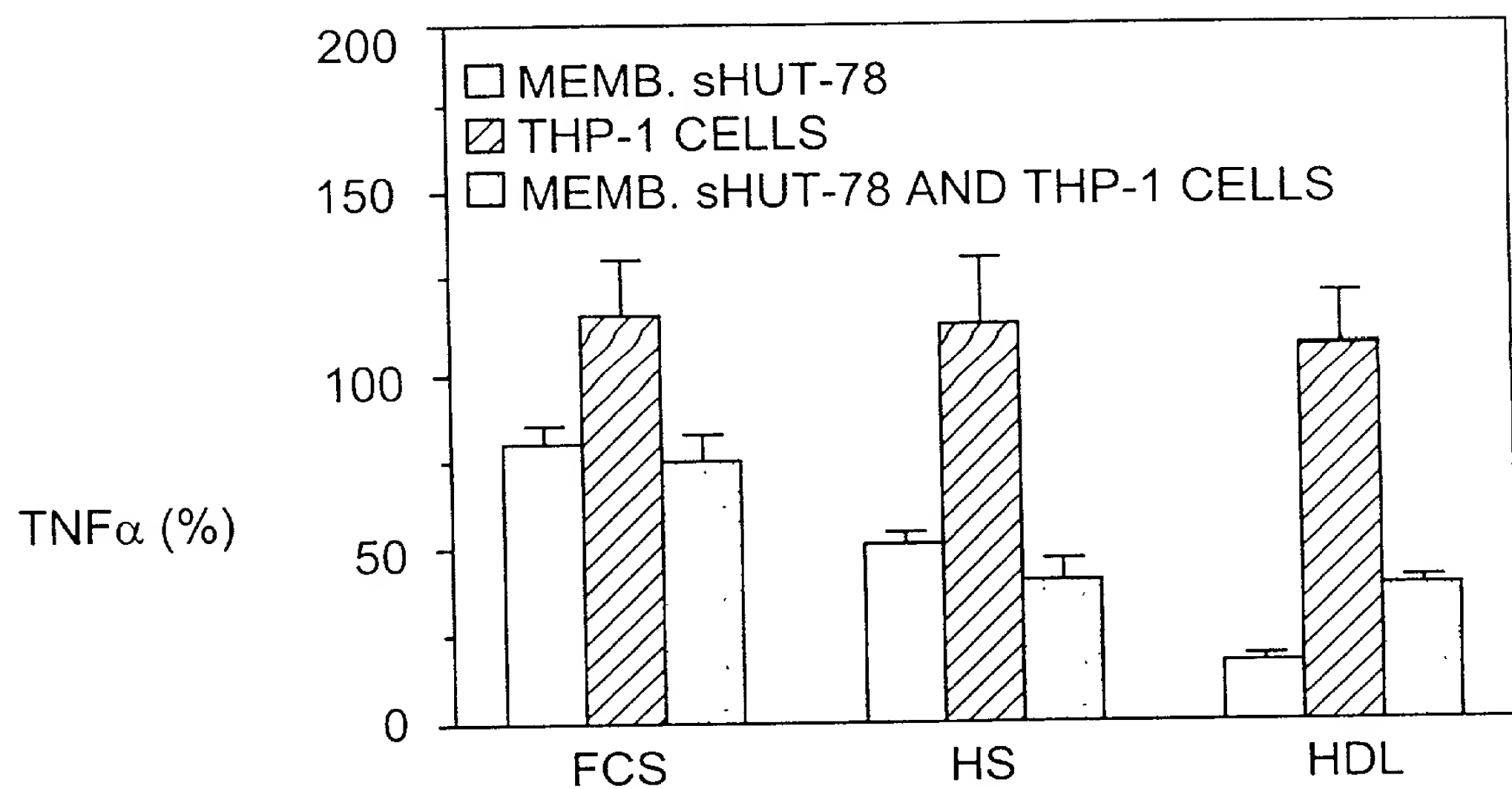


**FIG. 4B**

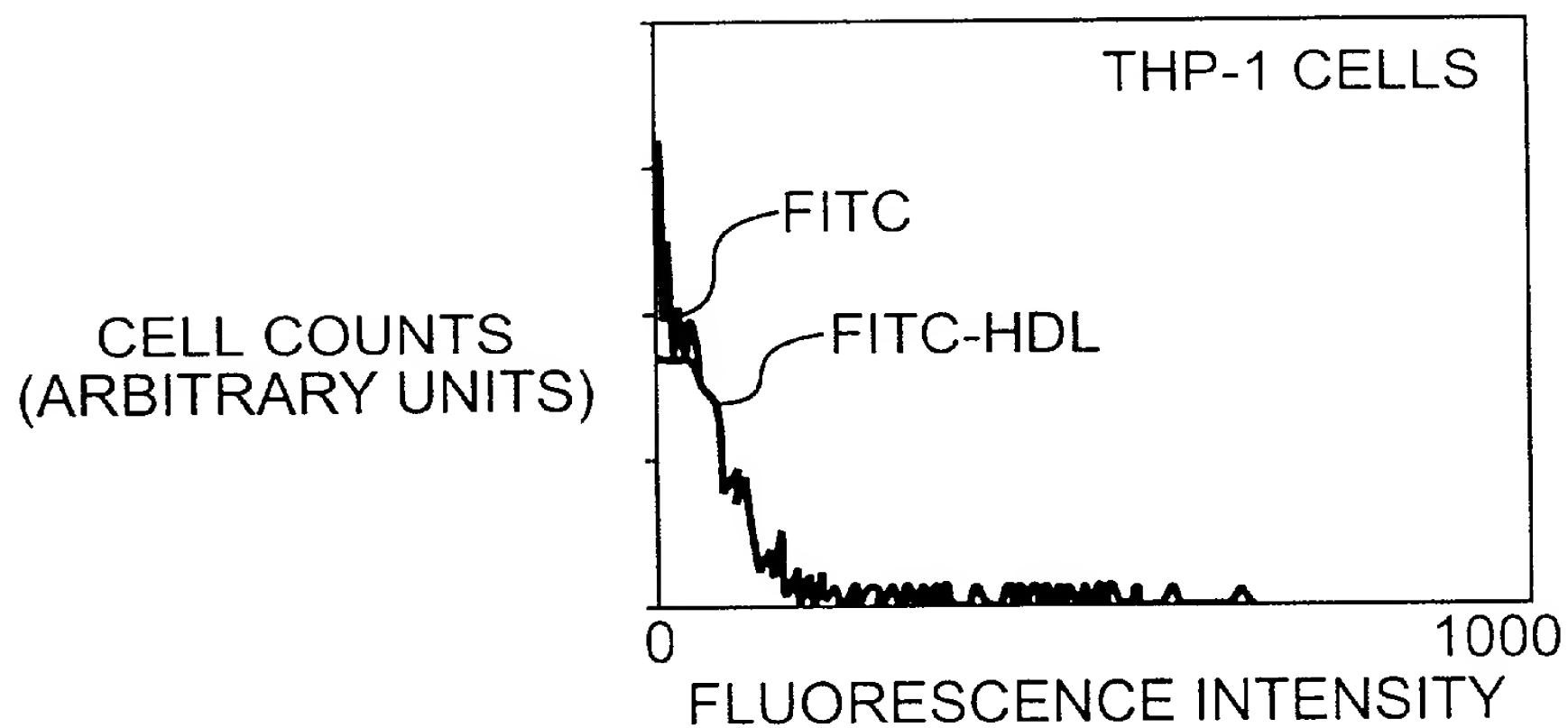
Fraction	White Bar	Hatched Bar	White Bar (Error)
WHOLE SERUM	~98	~55	~45
SERUM PROTEINS	~112	~100	~105
LDL	~110	~145	~155
HDL	~88	~60	~50
DELIPIDATED HDL	~88	~78	~55
PROTEINASE K-TREATED HDL	~135	~160	~155

Sample	White Bar (%)	Hatched Bar (%)	White Bar with Error (%)
WHOLE SERUM	~160	~45	~20
SERUM PROTEINS	~210	~115	~90
LDL	~125	~115	~85
HDL	~25	~10	~10
DELIPIDATED HDL	~30	~15	~10
PROTEINASE K-TREATED HDL	~230	~370	~570

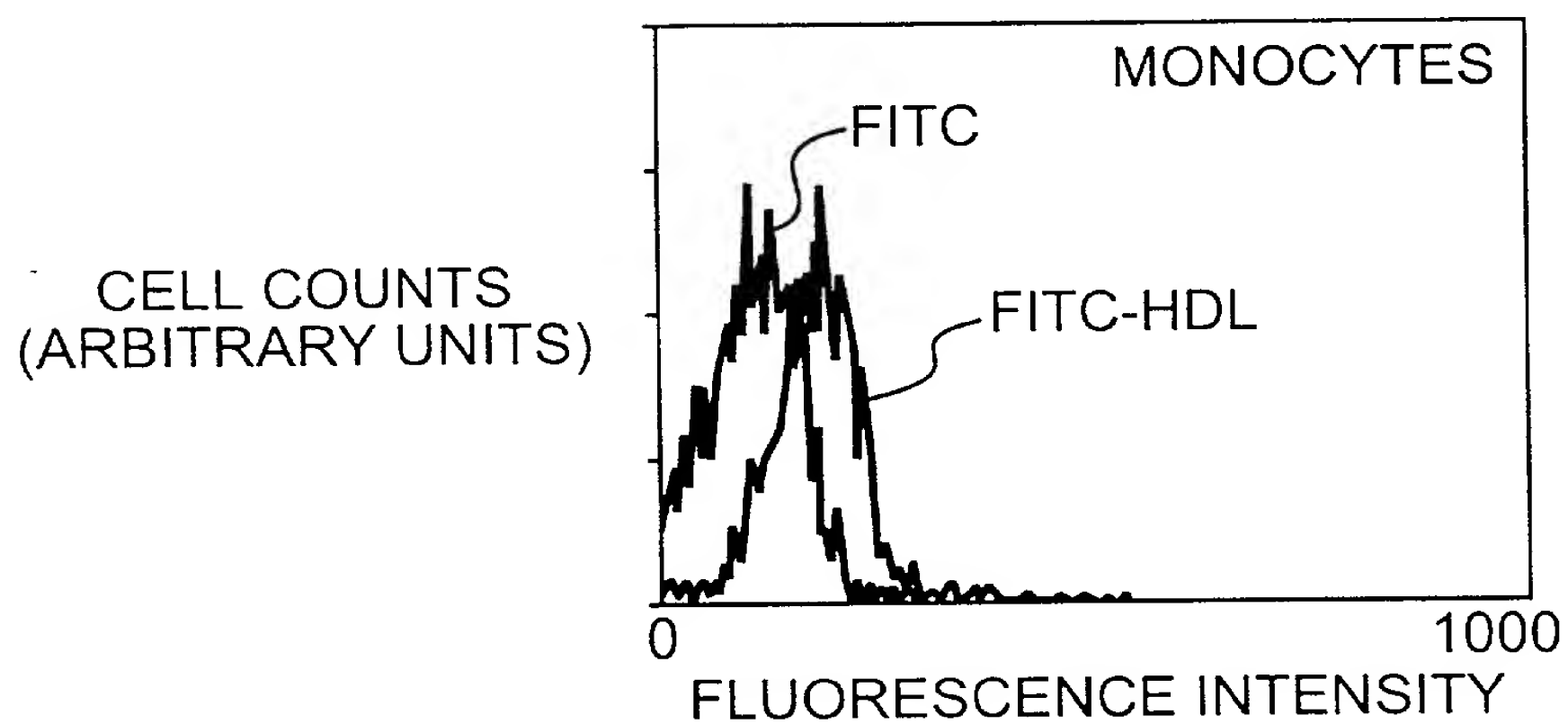
**FIG. 5B**



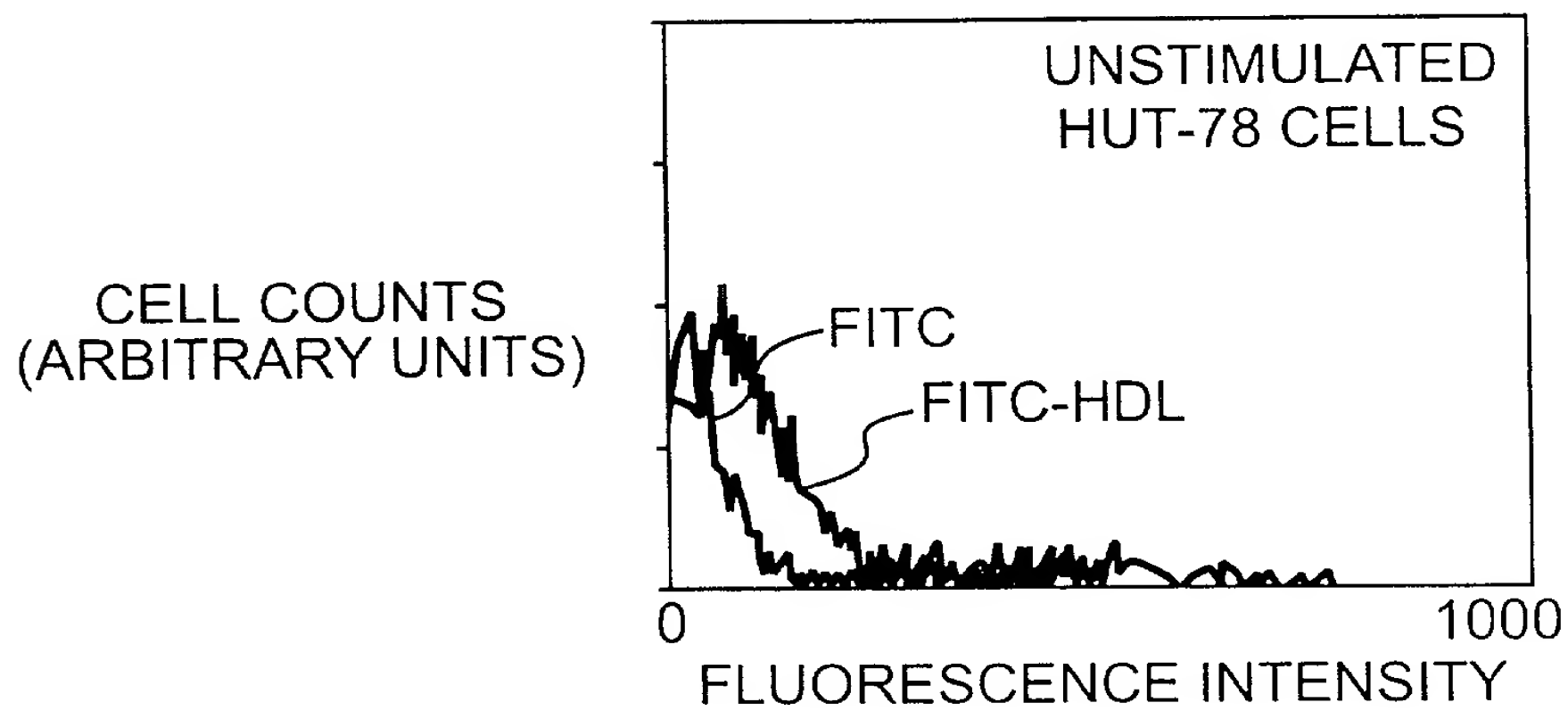
**FIG. 6A**



**FIG. 6B**

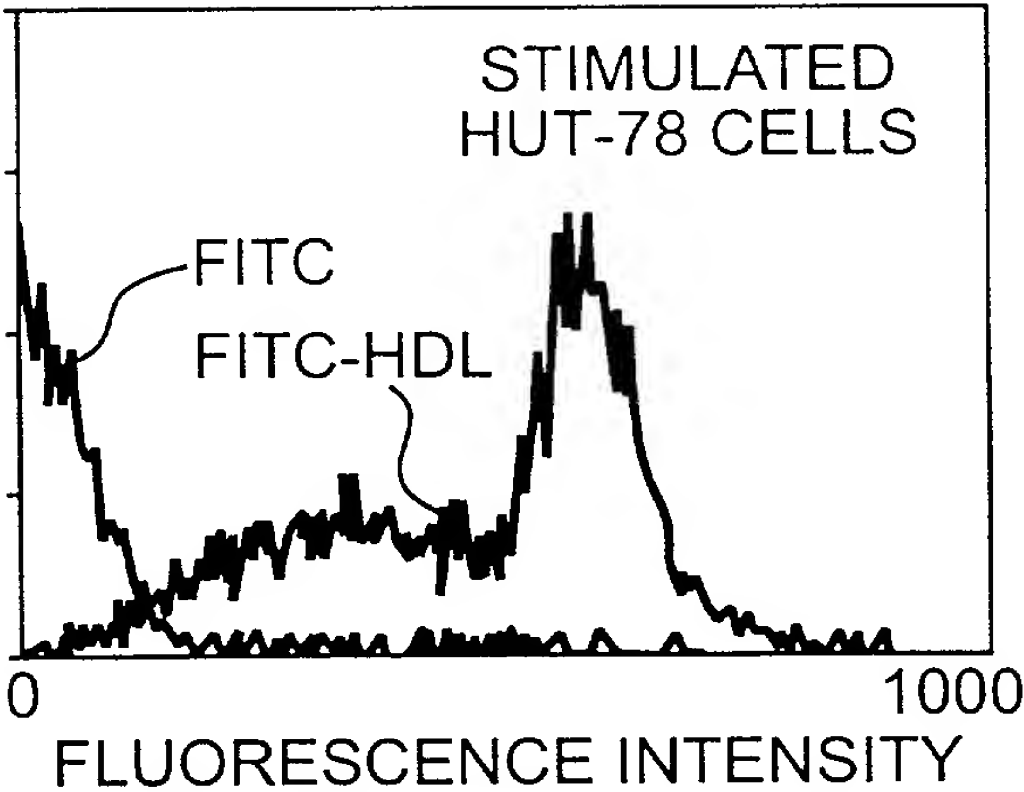


**FIG. 6C**



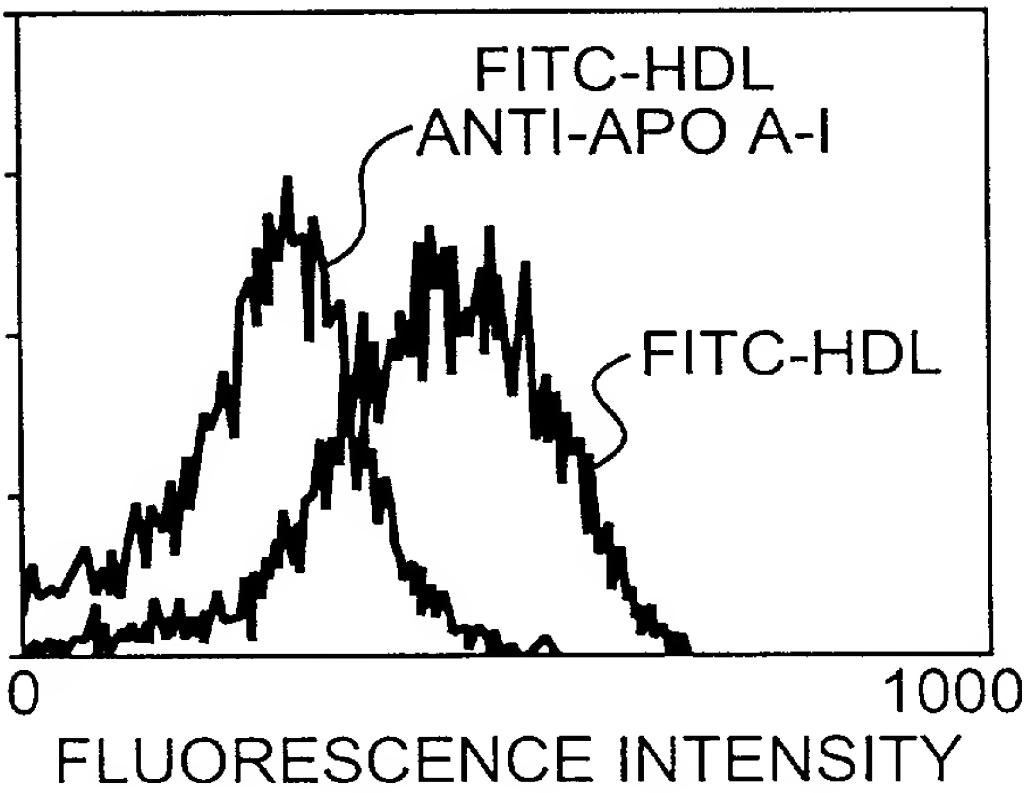
**FIG. 6D**

CELL COUNTS  
(ARBITRARY UNITS)

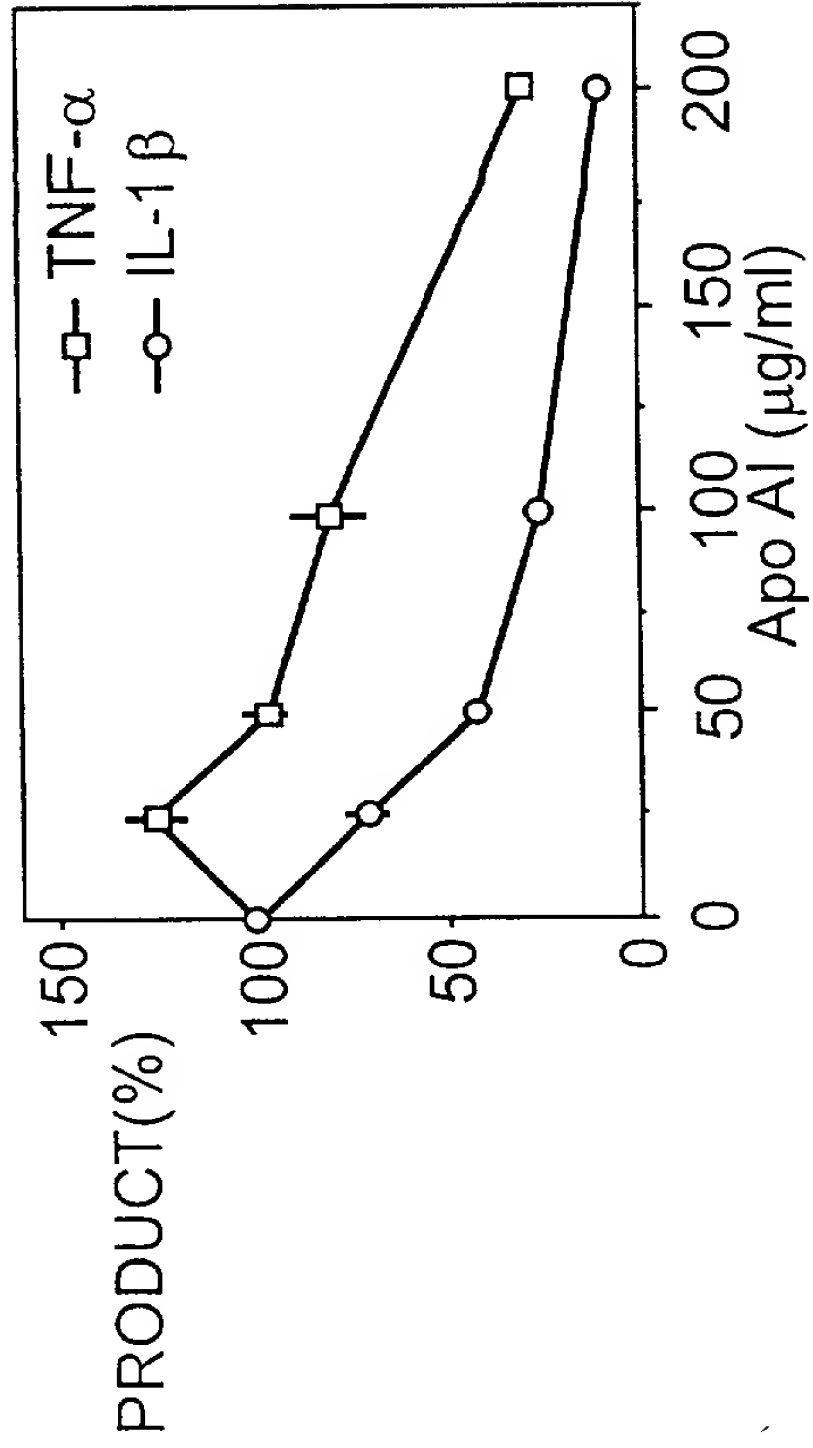


**FIG. 6E**

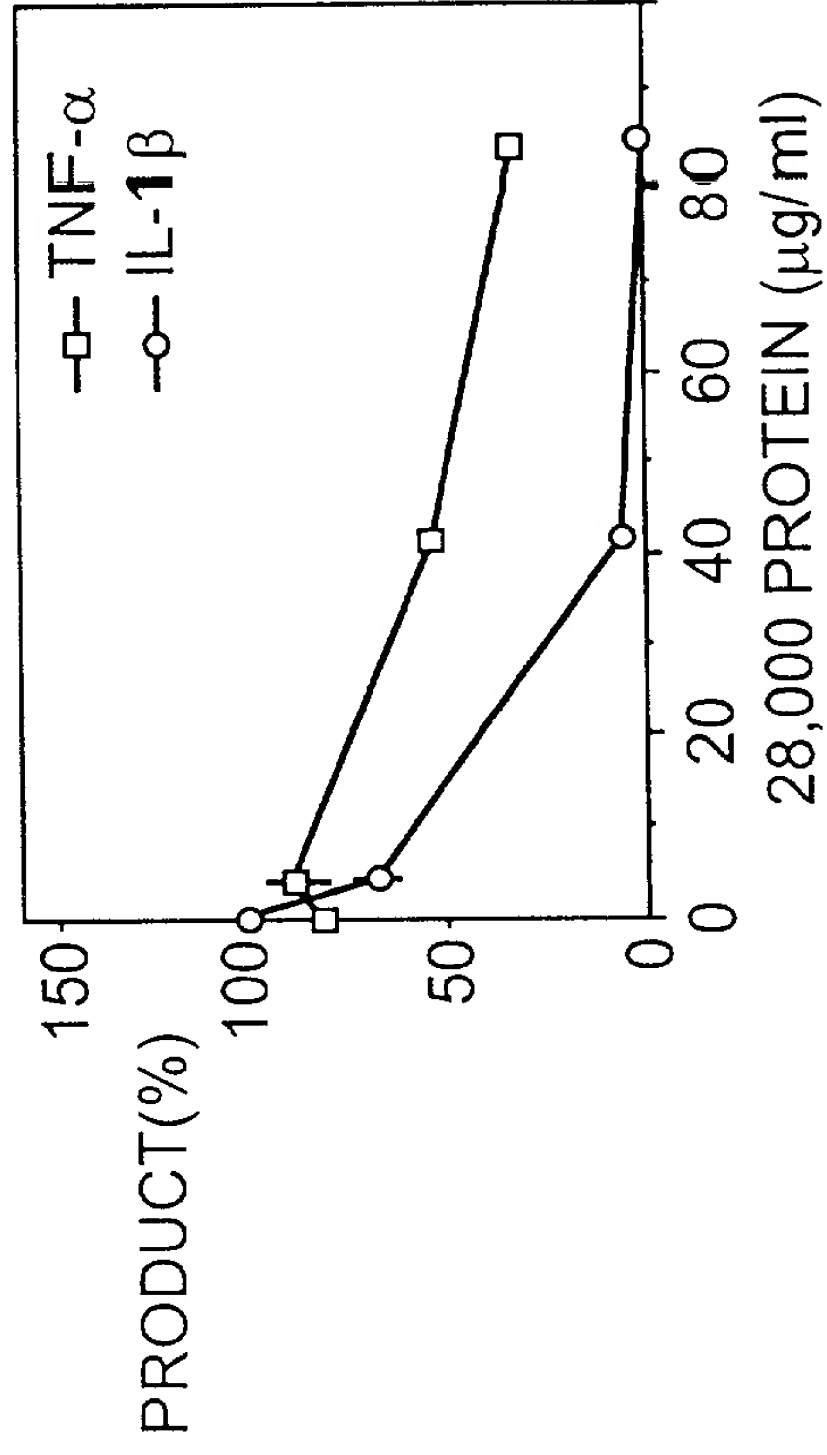
CELL COUNTS  
(ARBITRARY UNITS)



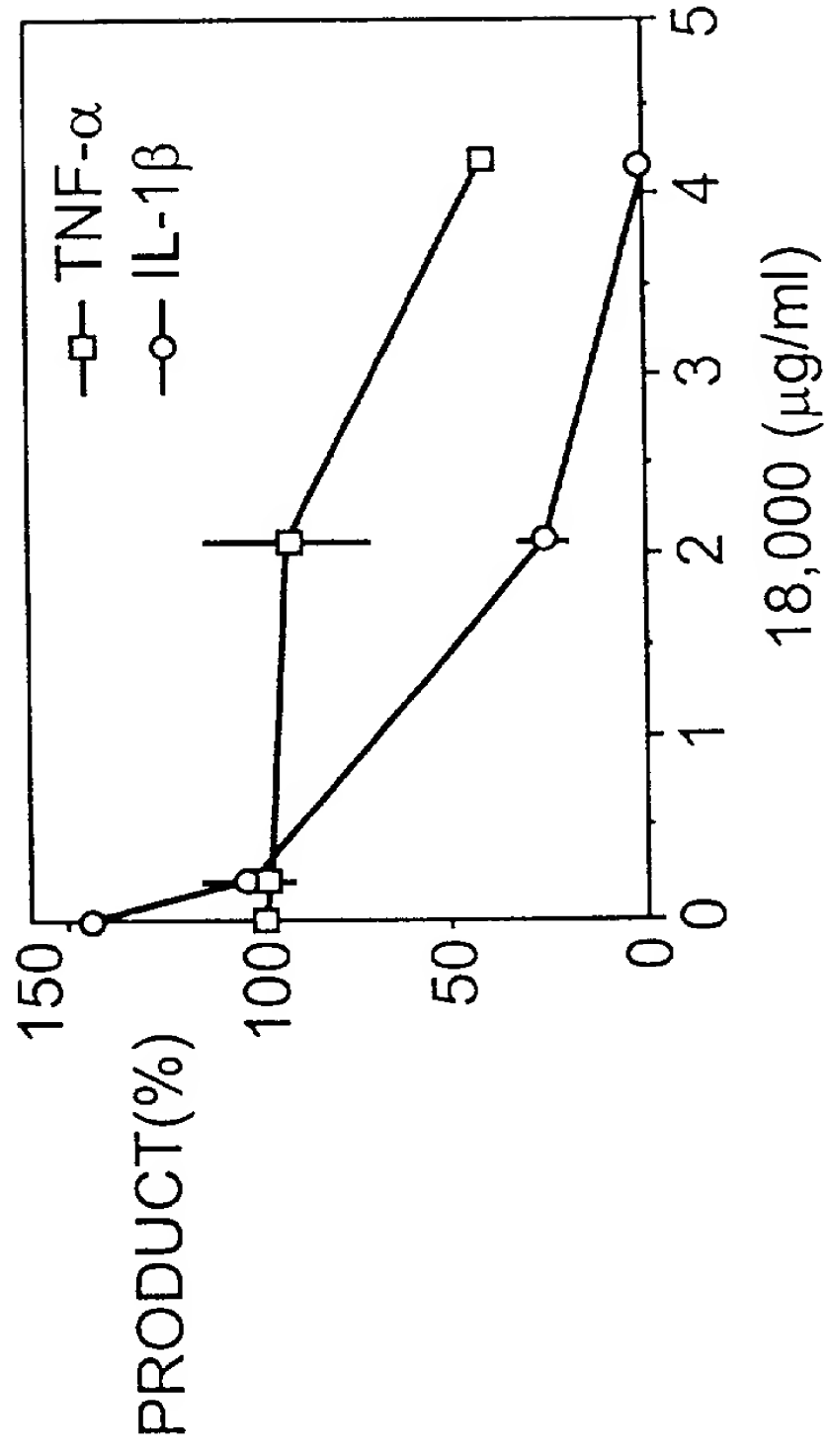
**FIG. 6F**



**FIG. 7A**



**FIG. 7B**



**FIG. 7C**

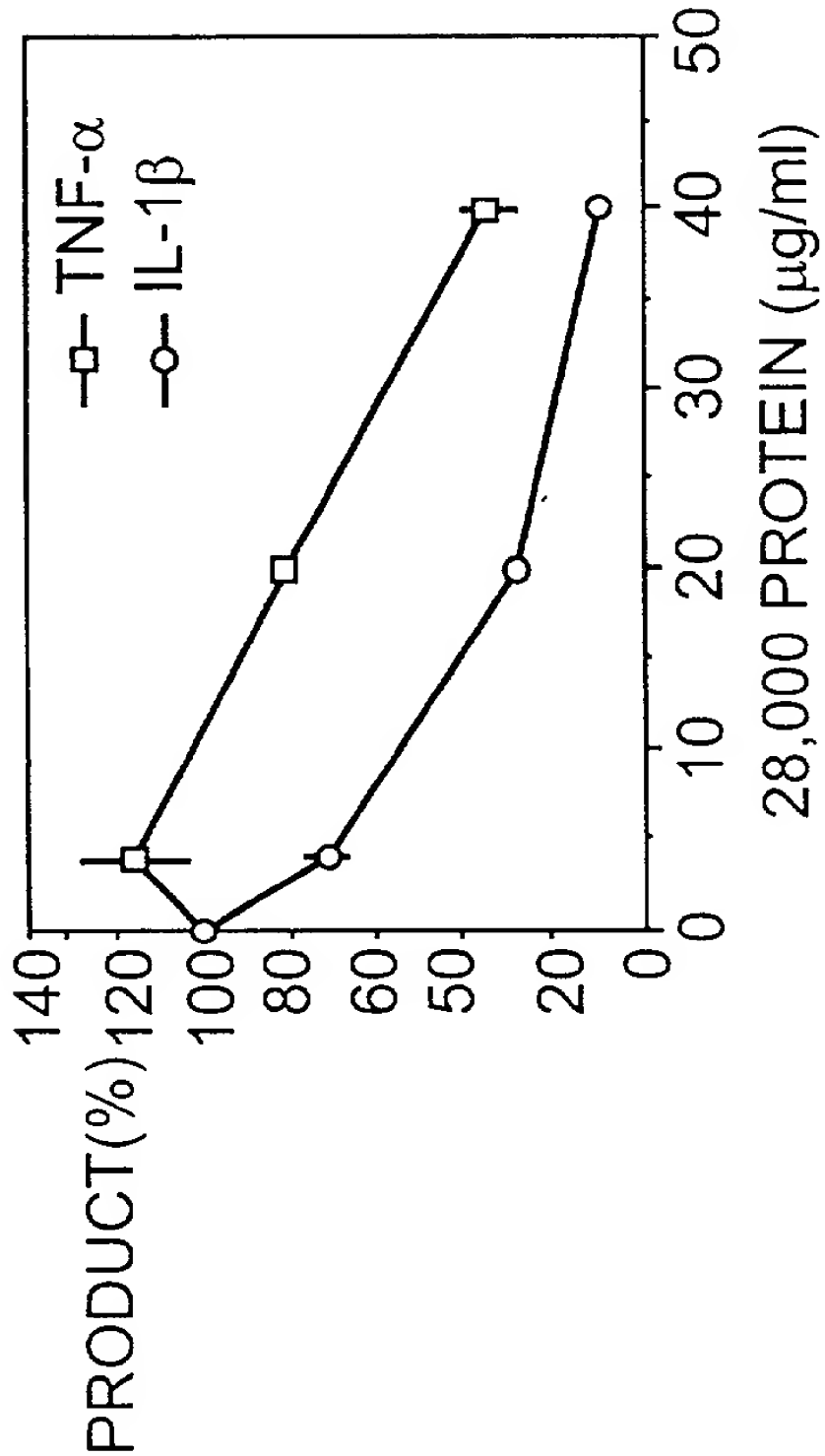


FIG. 7D

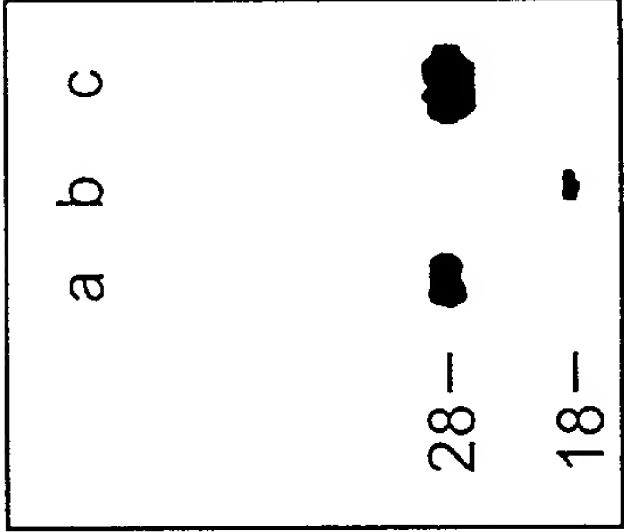
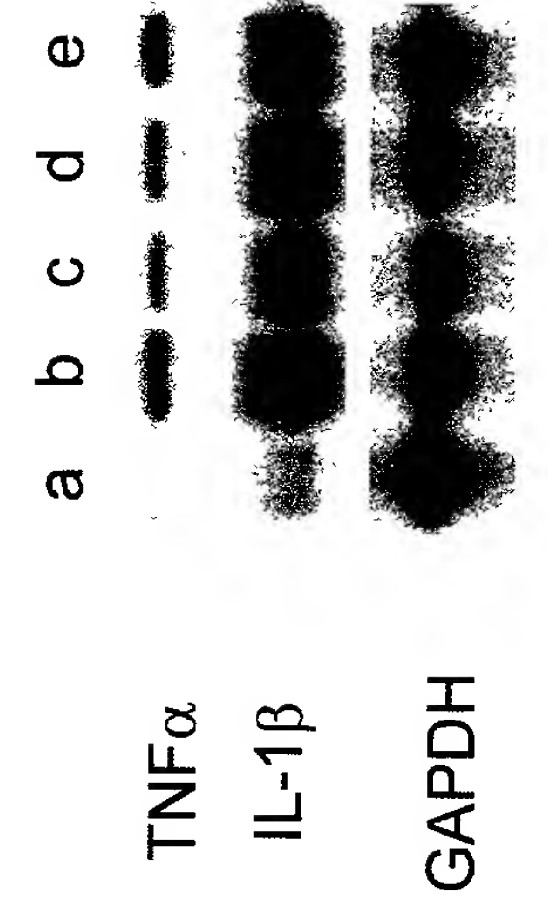
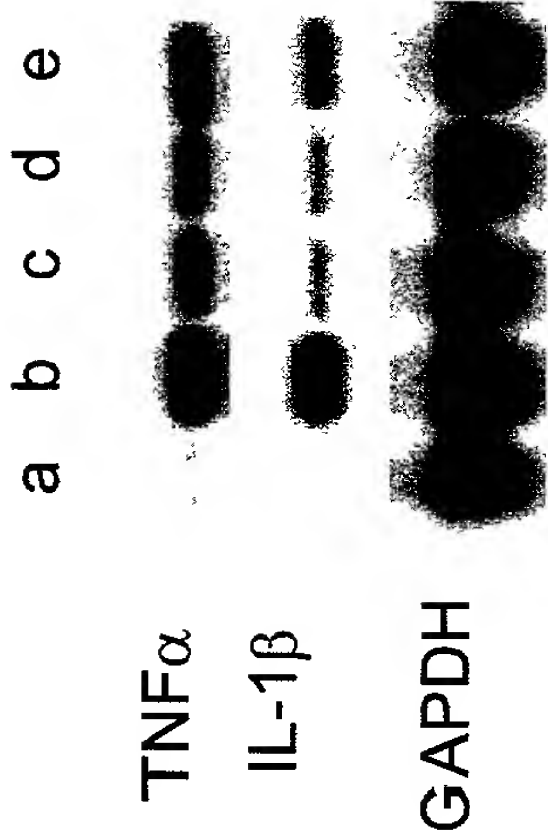


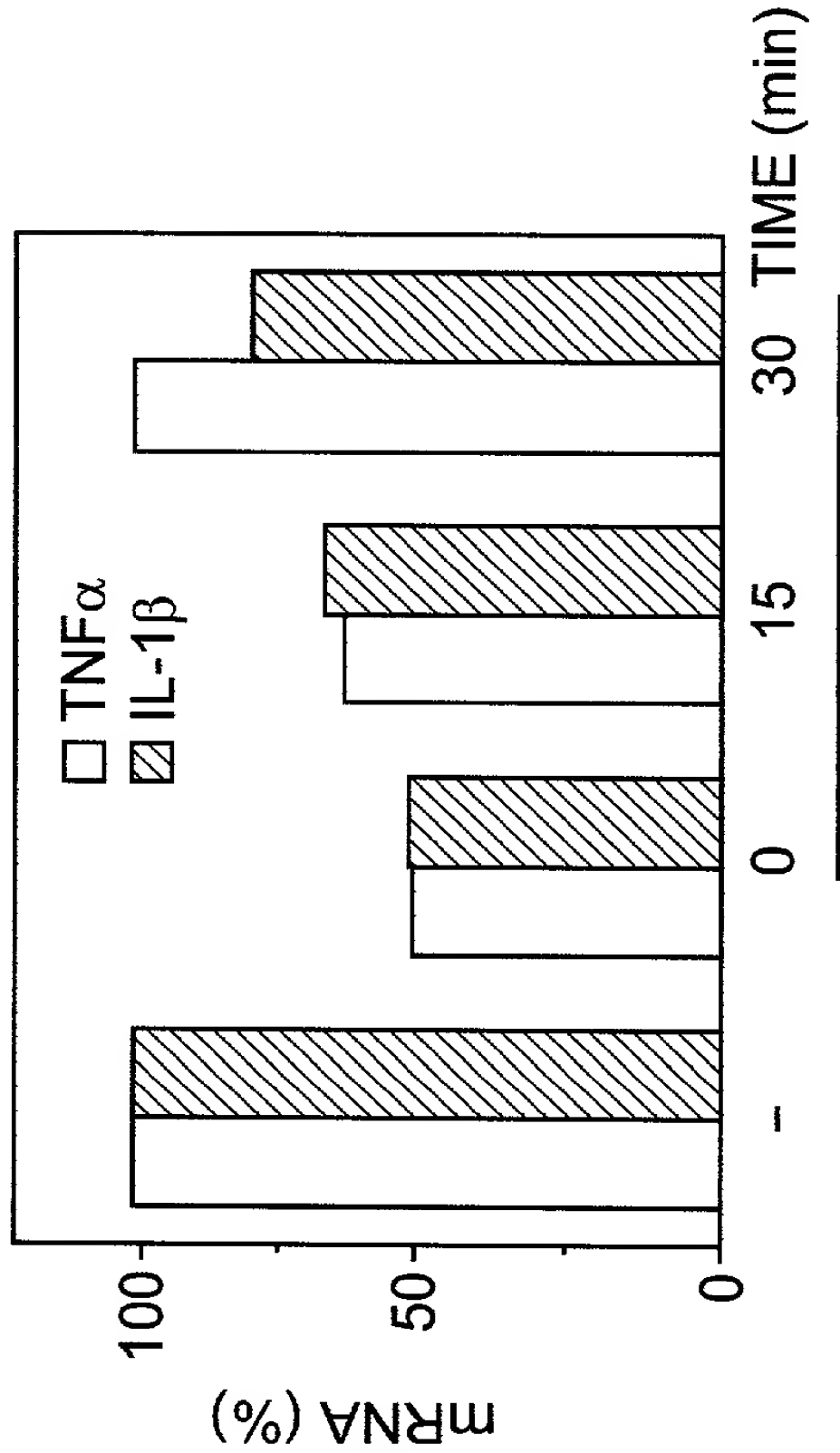
FIG. 7E



**FIG. 8A**

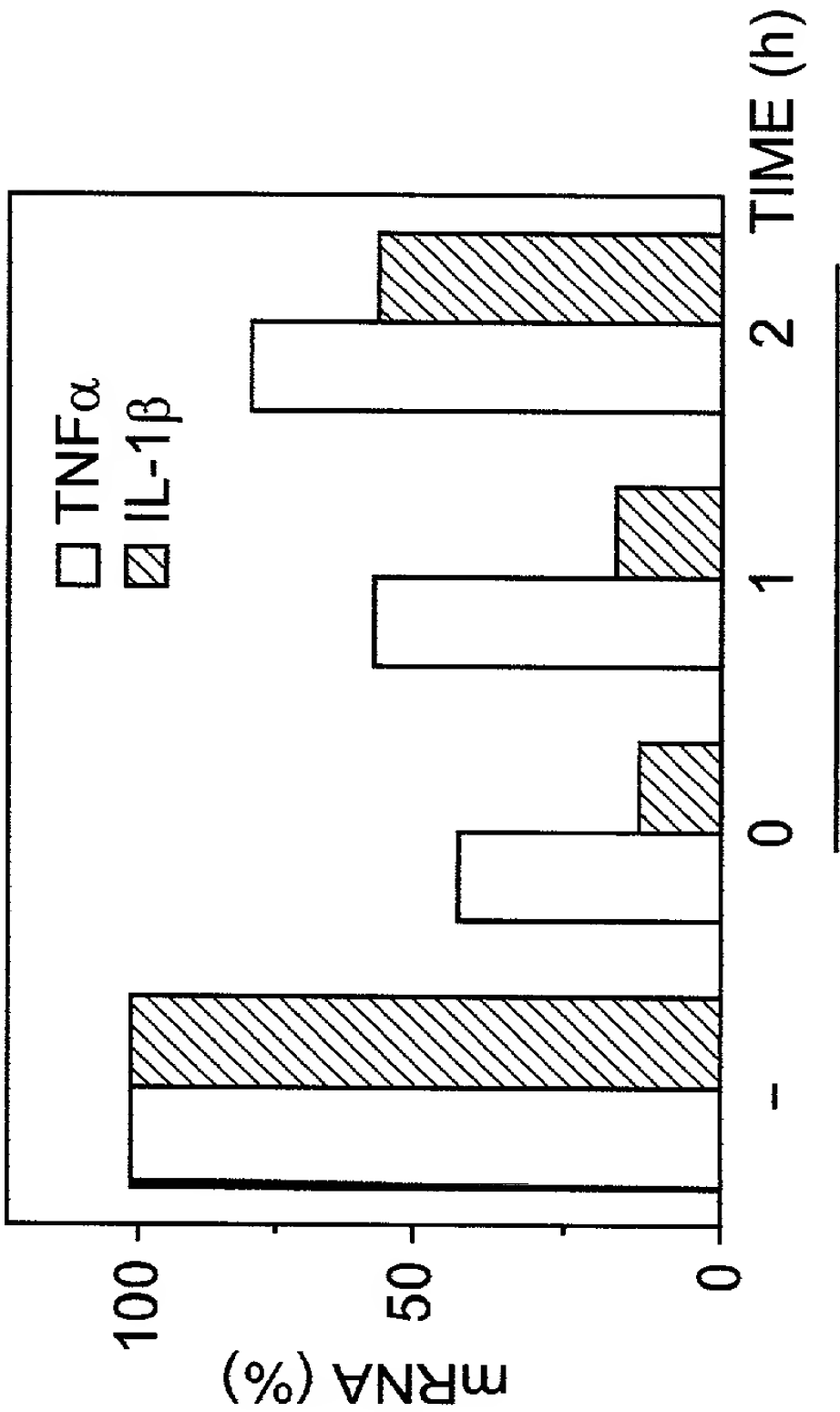


**FIG. 8B**



Apo A-I

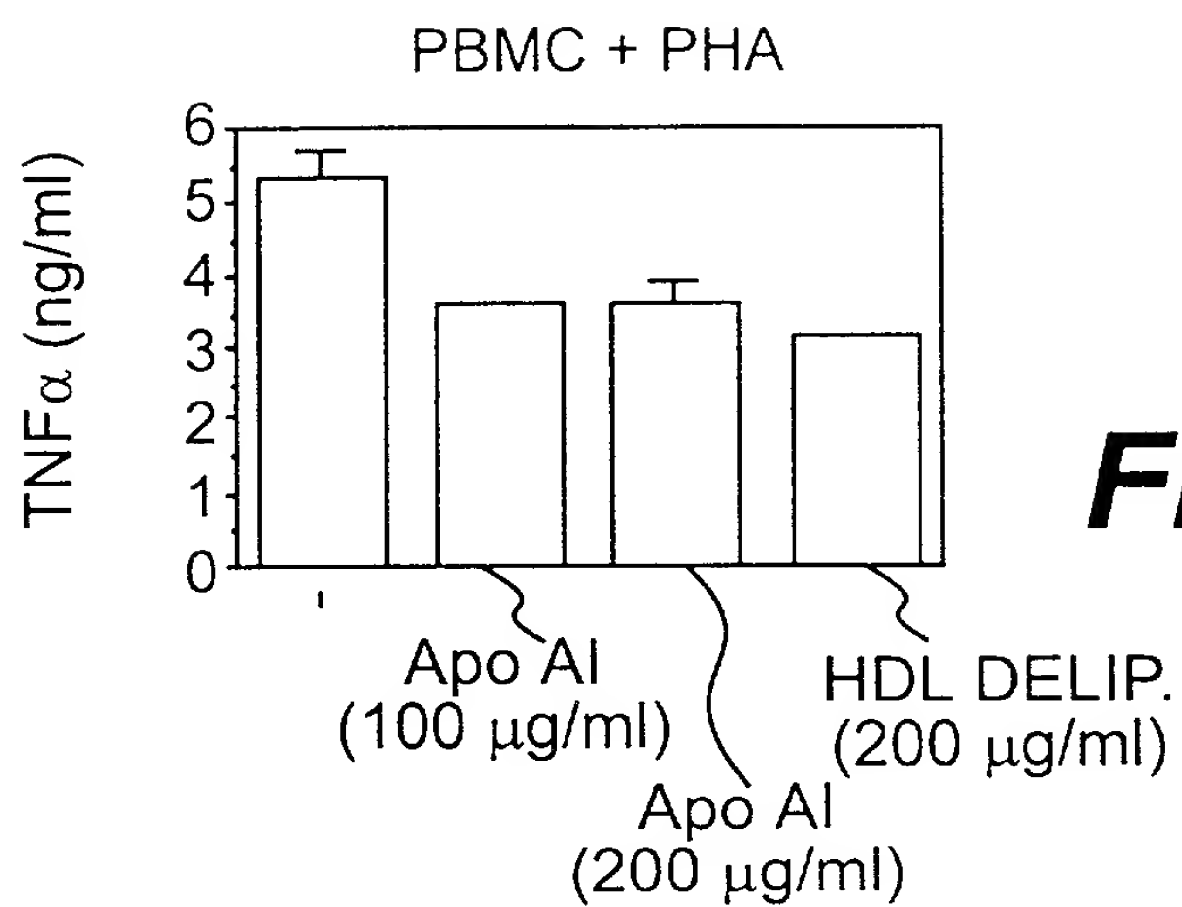
**FIG. 8D**



Apo A-I

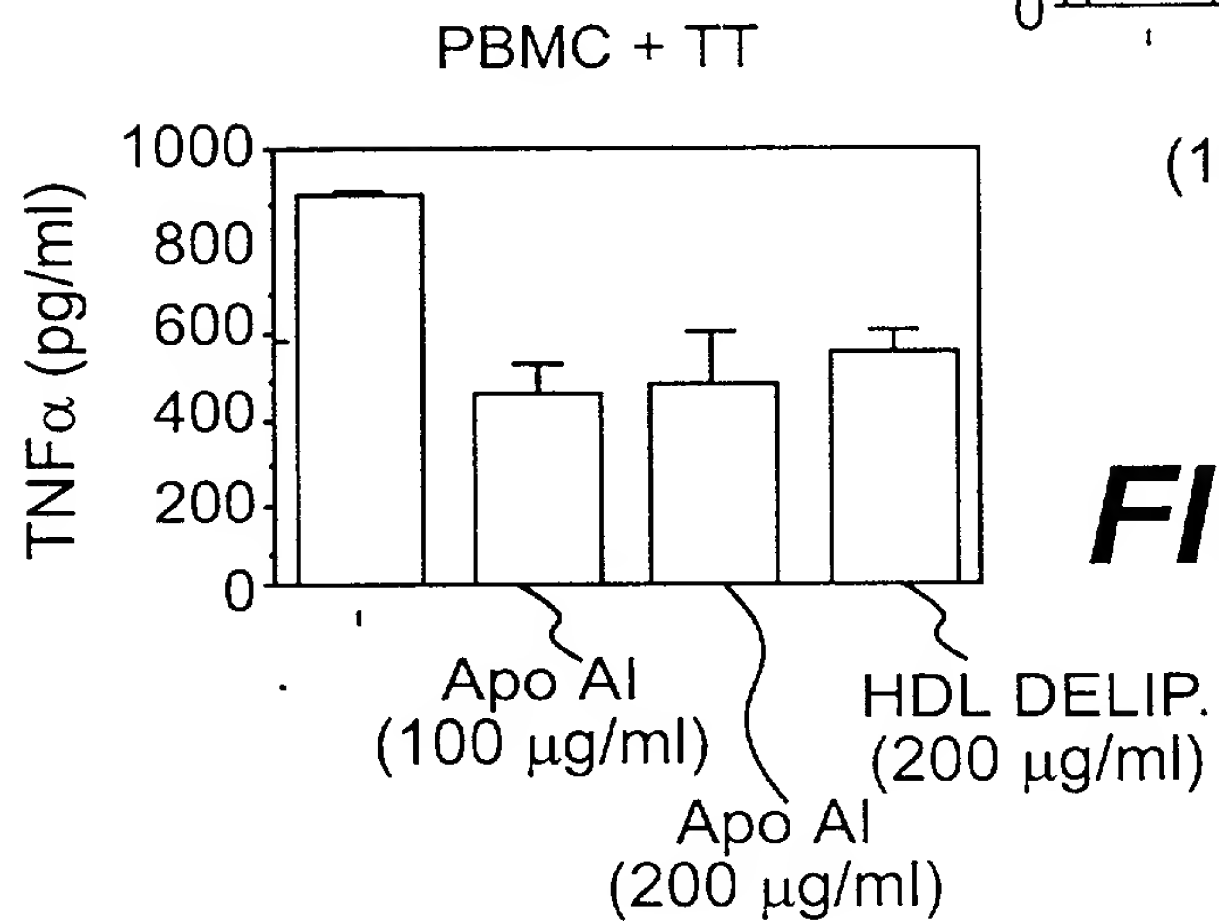
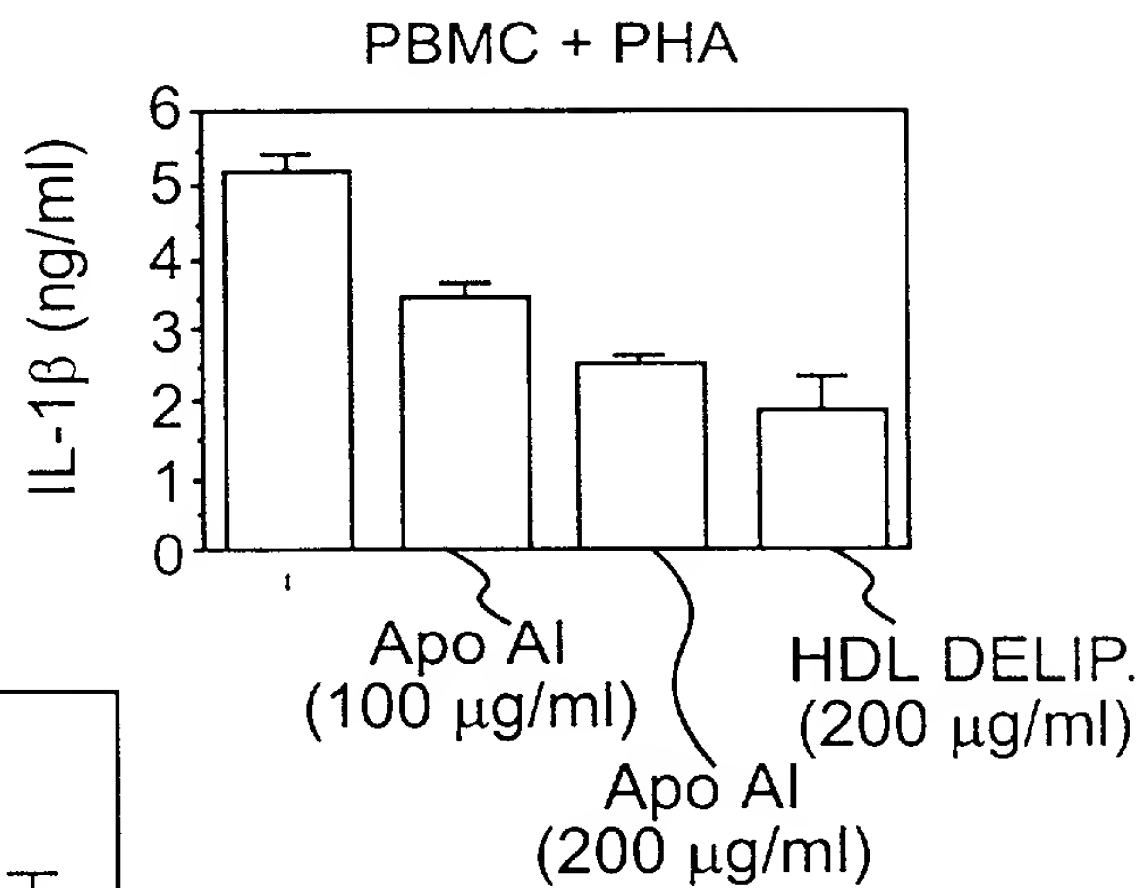
**FIG. 8C**





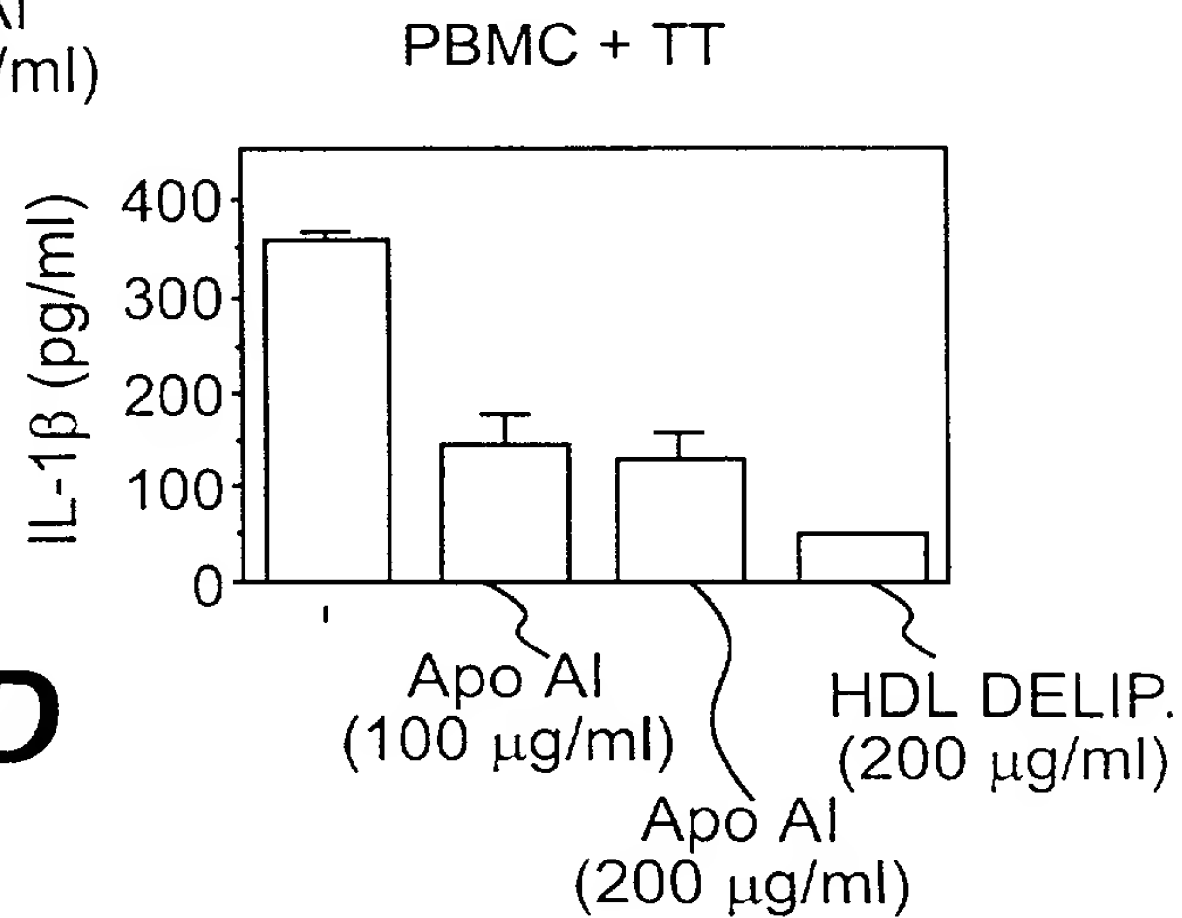
**FIG. 9A**

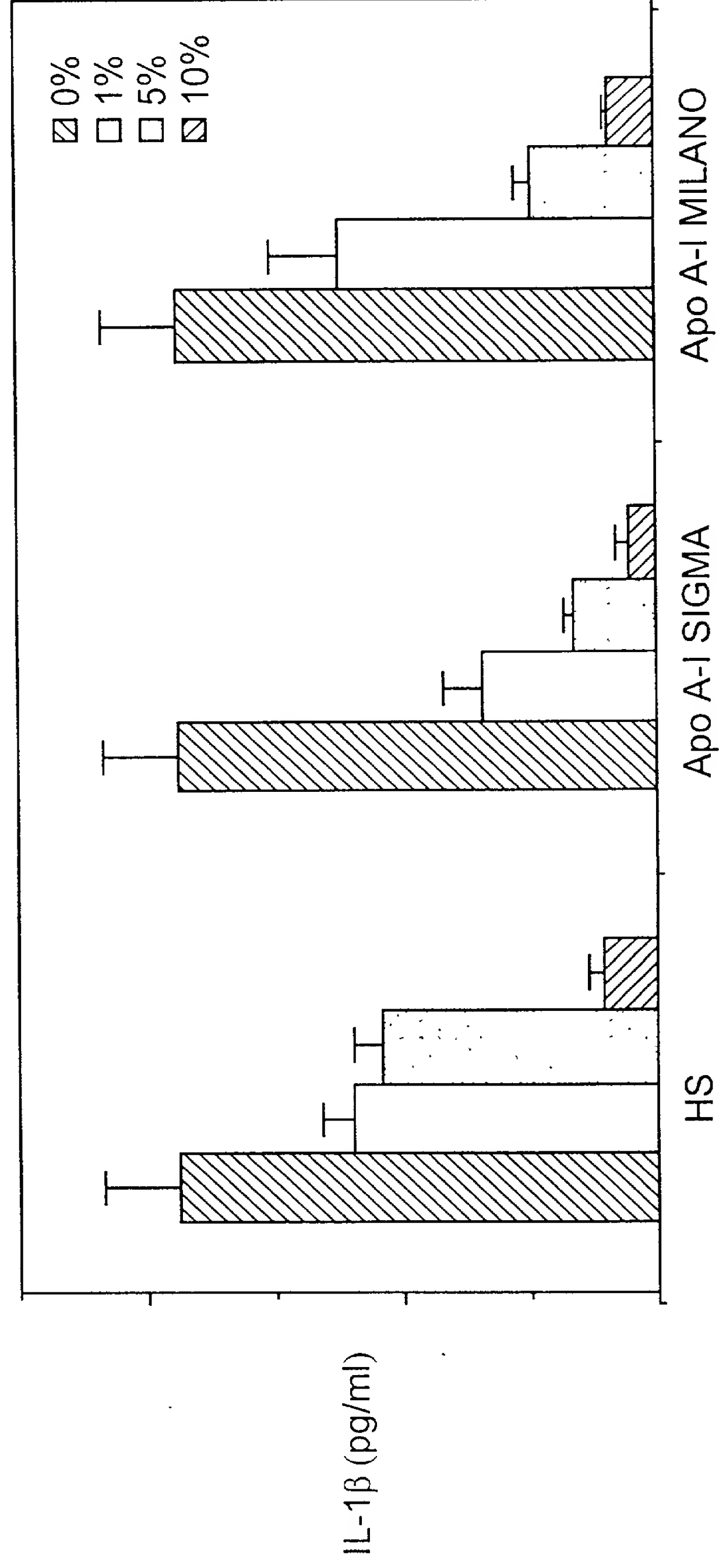
**FIG. 9B**



**FIG. 9C**

**FIG. 9D**





**FIG. 10**

FIG. 11A

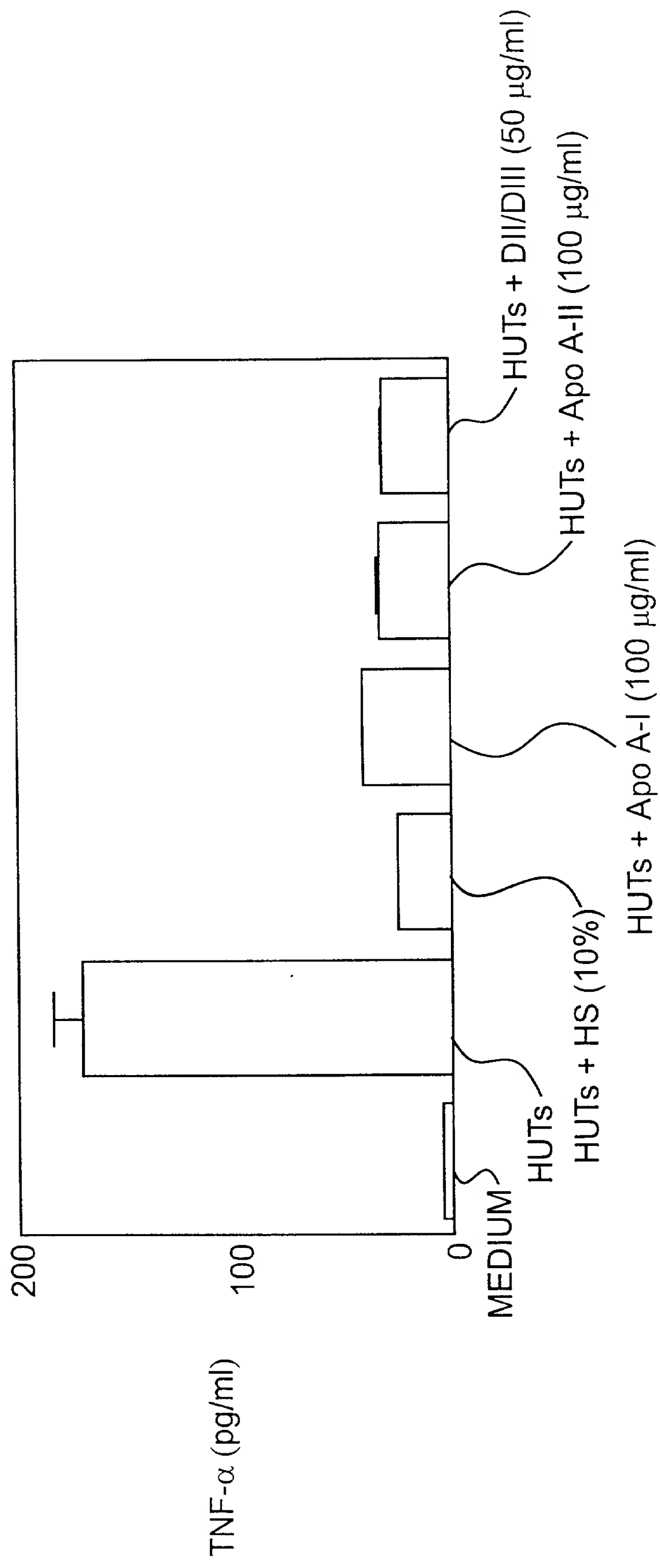


FIG. 11B

